

IMPEDANCE SENSING SCREEN POINTING DEVICE

Abstract of the Disclosure

An apparatus for controlling the position of a screen pointer for an electronic device having a display screen includes a plurality of sensing elements against which a portion of the tip of a human digit may be placed. A controller coupled to each of the sensing elements senses an electrical property at each of the sensing elements. The controller is configured to generate values representing the portion of the tip of the digit placed against the sensing elements based on the sensed electrical property at each of the sensing elements. The controller is configured to generate movement data based on the values. The movement data is indicative of motion of the tip of the digit across the sensing elements.

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